



## DIPTRONICS type DTS-6/DTSA-6

A range of 6 x 6mm size pcb mounting tactile switches offering a choice of button style, length and operating force, together with an option of mounting position. High reliability with up to 500,000 cycle electrical life expectancy.

### Specification

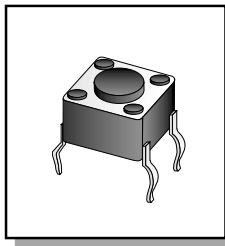
Contact arrangement.....	single pole, single throw 4 terminal normally open, momentary action	Travel .....	0.25mm
Contact rating .....	50mA, 12Vdc	Insulation resistance.....	100MΩ min. at 500Vdc
Contact resistance.....	100mΩ max.	Dielectric strength.....	250Vac for 1 minute
Operating force.....	70 ±50gf (blue button) 100 ±50gf (black button) 160 ±50gf (brown button) 260 ±50gf (red button)	Operating temp. range.....	-25°C to +70°C
		Life expectancy.....	70 to 160gf = 500,000 cycles min. (electrical) 260gf = 50,000 cycles min. (electrical)

- ◆ 6 x 6mm size
- ◆ Positive 'click' action and tactile feedback
- ◆ Choice of button style, length and operating force.
- ◆ SPNO momentary contacts
- ◆ 4 terminal mounting
- ◆ Established footprint
- ◆ Mounting position option
- ◆ High reliability, longer life

### ROUND BUTTON - type DTS-6/DTSA-6

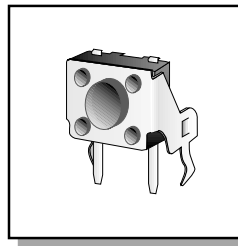
Choice of button length, operating force and mounting position.

#### VERTICAL



Manf. Part No.	Button Length (L)	Operating Force (gf)	Anglia Order Code
DTS-61K	4.3	100	448062
DTS-61N	4.3	160	448062B
DTS-61R	4.3	260	448062C
DTS-62K	5.0	100	448063
DTS-62N	5.0	160	448063B
DTS-62R	5.0	260	448063C
DTS-63K	7.0	100	448064
DTS-63N	7.0	160	448064B
DTS-63R	7.0	260	448064C
DTS-65K	9.5	100	448065
DTS-65N	9.5	160	448065B
DTS-65R	9.5	260	448065C
DTS-66K	13	100	448067
DTS-66N	13	160	448067B
DTS-66R	13	260	448067C

#### RIGHT ANGLE

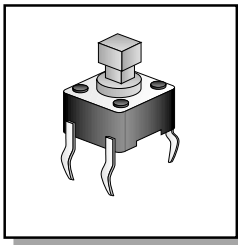


Manf. Part No.	Button Length (L)	Operating Force (gf)	Anglia Order Code
DTSA-62K	3.85	100	448071
DTSA-63K	5.85	100	448073
DTSA-65K	8.35	100	448072

### SQUARE BUTTON - type DTS-64/DTSA-64

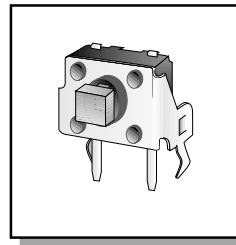
Choice of operating force and mounting position. Button 'shoulder' designed to accommodate actuator springs for tamper switch applications.

#### VERTICAL



Manf. Part No.	Operating Force (gf)	Anglia Order Code
DTS-644U	70	448061
DTS-644K	100	448061A

#### RIGHT ANGLE



Manf. Part No.	Operating Force (gf)	Anglia Order Code
DTSA-644U	70	448070
DTSA-644K	100	448070A

**TACTILE SWITCH CAPS**  
Round or Square  
suitable for square button switches  
see page 570

N.B. These switches are not suitable for PCB washing, see page 566 for washable types.

